

APANASENKO, A.D., starshiy nauchnyy sotrudnik; GUMELYA, A.N.; VOLNOVA, N.P., mladshiy nauchnyy sotrudnik; GERASIMOV, N.N., mladshiy nauchnyy sotrudnik; GERASIMOVA, R.V., mladshiy nauchnyy sotrudnik; KON'KOV, A.A., mladshiy nauchnyy sotrudnik [deceased]; MARTYNOV, G.K., starshiy tekhnik; FILIPPOVA, T.V., starshiy tekhnik; SUCHKOVA, Z.Ye., starshiy tekhnik. Prinimal uchastiye AKUL'SHIN, P.K., doktor tekhn.nauk, doktor tekhn.nauk. SVERDLOVA, I.S., red.; SHEFER, G.I., tekhn.red.

[Rules for the intersection of telephone lines in overhead telephone communication networks] Instruktsia po skreshchivaniyu telefonnykh tsepei vozdushnykh linii svyazi. Moskva, Gos. izd-vo lit-ry po voprosam svyazi i radio, 1959. 270 p.

(NIRA 13:2)

1. Russia (1923= U.S.S.R.) Glavnoye upravleniye meshdugorodnoy telefonno-telegrafnoy svyazi. 2. Tsentral'nyy nauchno-issledovatel'skiy institut svyazi Ministerstva svyazi SSSR (for Apanasenko, Volnova, Gerasimov, Gerasimova, Kon'kov, Martynov, Filippova, Suchkova). 3. Nachal'nik laboratorii vozdushnykh linii svyazi Tsentral'nogo nauchno-issledovatel'skogo instituta svyazi Ministerstva svyazi SSSR (for Gumelya).
(Telephone) (Electric lines---Overhead)

LEVINOV, Konstantin Georgiyevich; GUMEL'YA, A.N., otv.red.; FEDOROVSKAYA,
L.N., red.; MARKOCH, K.G., tekhn.red.

[Overhead communication lines] Vozdushnye linii svyazi. Moskva,
Gos.izd-vo lit-ry po voprosam svyazi i radio, 1959. 303 p.
(MIRA 13:3)

(Electric lines--Overhead)

GUMEL'YA, A.N., inzh.; NALLETOV, A.A., inzh. Prinimali uchastiye: ROZENBERG, Ya.G.; SERGEYEV, M.F.; GUDKOV, P.P.; PETROVA, V.Ye., red.; KARABILOVA, S.F., tekhn.red.

[Regulations on the construction and repair of overhead communication lines and wire broadcasting networks] Pravila stroitel'stva i remonta vyzdushnykh liniy svyazi i radiotranslatsionnykh setei. Moskva, Gos.izd-vo lit-ry po voprosam svyazi i radio. Pt.3.

[Construction and repair of overhead and underground lines and residential equipment for wire broadcasting and telephone networks] Stroitel'stvo i remont stoechnykh i podzemnykh liniy i oborudovanie domovoi raspredelitel'noi radiotranslatsionnoi i telefonnoi vnutri-raionnoi setei. 1960. 198 p. (MIRA 13:9)

1. Russia (1923- U.S.S.R.) Ministerstvo svyazi.
(Wire broadcasting) (Telephone)

PHASE I BOOK EXPLOITATION

SOV/5267

Grodnev, I. I., A. N. Gumelya, M. A. Klimov, K. Ya. Sergeychuk, and
V. O. Shvartsman

Inzhenerno-tekhnicheskiy spravochnik po elektrosvyazi; kabel'nyye i
vozdushnyye linii svyazi (Engineering and Technical Manual in
Electrocommunication; Cable and Overhead Communication Lines)
[Moscow] Svyaz'izdat, 1961. 558 p. 15,000 copies printed.

Resp. Ed.: K. Ya. Sergeychuk; Ed.: G. V. Bogacheva; Tech. Ed.:
G. I. Shefer.

PURPOSE: This manual is intended for technical personnel engaged in
planning, building, and operating electrocommunication lines, and
for students in communication schools of higher technical educa-
tion.

COVERAGE: The manual reviews the systems of arrangement and opera-
tion of intercity communication lines. Construction data and
detailed electrical characteristics of symmetrical and coaxial

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Engineering and Technical Manual (Cont.)

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cables and overhead lines are given for a broad frequency spectrum. The book contains the basic definitions and engineering calculation formulas for transmission parameters and for the effect of various types of lines. Problems of protection of communication lines from mutual effects (transposition, balancing, shielding) are examined. Electrical measurements and protective measures against the influence on communication lines of power lines and atmospheric electricity are described. Basic reference data are given for the planning, construction, and operation of intercity electrocommunication lines. No personalities are mentioned. There are 50 references, all Soviet.

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Foreword

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PART I. CABLE COMMUNICATION LINES

Ch. I. Systems of Construction and Operation of Intercity
Cable Communication Lines

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KANTOR, L.Ya.; GUMELYA, A.N.; ROZENBERG, Ya.G.; AFANAS'YEV, A.P.;
SAMORUKOV, D.A.; GUSEV, S.S.; DOGADIN, V.N.; RAMENSKIY, B.N.;
PIONTKOVSKIY, B.A.; SVYRDLOVA, I.S., red.; KARABILOVA, S.F.,
tekhn. red.

[Electric communications and wire broadcasting] Elektriches-
kaya svyaz' i radiofikatsiya. Moskva, Gos. izd-vo lit-ry
po voprosam svyazi i radio, 1961. 607 p. (MIRA 14:5)
(Telephone) (Wire broadcasting)

SHINIBEROV, Pavel Yakovlevich; KURDATOV, Nikolay Dmitriyevich; SERGEYEVA,
Klavdiya Kirillovna; GUMEL'YA, A.N., otv. red.; VOLODARSKAYA, V.Ye.,
red.; MARKOCH, K.G., tekhn. red.

[Communication lines] Linii svyazi. Moskva, Svyaz'izdat, 1962.
431 p. (MIRA 15:7)
(Electric lines--Overhead) (Telephone lines)

KANTOR, L.Ya.; GUMEL'YA, A.N.; ROZENBERG, Ya.G.; AFANAS'YEV, A.P.;
SAMORUKOV, D.A.; GUSEV, S.S.; DOGADIN, V.N.; RAMENSKIY,
B.N.; KARASIK, N.S.; PIONTKOVSKIY, B.A.; Prinimal uchastiye
MEDOVAR, A.I.; SVERDLOVA, I.S., red.; ULANOVSKAYA, N.M.,
red.; MARKOCH, K.G., tekhn. red.

[Electrical communications and wire broadcasting] Elektri-
cheskaya svyaz' i radiofikatsiya. [By] L.IA.Kantor i dr.
Izd.2., dop. i ispr. Moskva, Svyaz'izdat, 1963. 672 p.
(MIRA 16:8)

(Wire broadcasting) (Telecommunication)

GRUDNEV, I.I.; GUREVA, A.N.; KLIMOV, E.A.; SERGAYCHUK, E.Ya.;
SHVARTSMAN, V.D.; MUSTIKINA, N.G., red.; VOLODINSKYA,
V.Ye., red.

[Engineering and technical manual on electrical communication; cable and overhead communication lines] Inzhenerno-
tekhnicheskii spravochnik po elektrosviazi; katel'nye i
vozdushnye linii sviazi. Izd. 2., perer. i dop. Moskva,
Sviaz', 1964. 631 p. (NDA 17:11)

GUMEL'YA, A.N.

Crossings of rural telephone line networks. Vest. svyazi
24 no.8:9-11 Ag '64. (MIRA 17:10)

1. Nachal'nik laboratorii Tsentral'nogo nauchno-issledovatel'skogo instituta svyazi.

GUMEL'YA, Yevgeniy Borisovich; FROLOV, A.D., red.; BORUNOV, N.I.,
tekhn. red.

[Choice of networks for transistor radio receivers]
Vybor skhem tranzistornykh priemnikov. Moskva, Gosener-
goizdat, 1963. 63 p. (Massovaia radiobiblioteka, no.481)
(MIRA 17:2)

GUMELYA, YE

USSR/Electronics - Detector circuits

Card 1/1 Pub. 89 - 23/33

Authors : Gumelya, Ye (Mytishchi)

Title : Circuits of detectors with voltage amplification

Periodical : Radio 2, page 47, Feb 56

Abstract : Explanation is given of a circuit which can be used in cases where it is necessary to take voltage of high frequency from a circuit which is under high potential with relation to the chassis of the receiver.
Diagram.

Institution :

Submitted :

SHASHIN, Yu.; GUMELYA, Ye.

Time relay for photographic printing. Sov. foto 17 no.12:43-46

D '57.

(MIRA 11:1)

(Photography--Printing processes)

AUTHOR: Gumelya, Ye.

SOV-107-58-4-24/57

TITLE: The RF Channel of Composite Receivers (VCh trakt kombinirovannykh priyemnikov)

PERIODICAL: Radio, 1958, Nr 4, pp 18-20 (USSR)

ABSTRACT: The author deals with some of the problems of composite radio receivers in which RF amplification is effected by thermionic tubes and AF amplification by transistor triodes. This obviates the basic problems of transistor sets connected with pre-detector amplification. FM and superheterodyne receivers are discussed and a practical scheme for a two-stage RF amplifier is given. Various miniature RF pentodes and diode-pentodes are listed with their characteristics drawn up in table form. The tubes suggested can function at reduced anode voltages. Problems of grid bias and feedback are dealt with and the author gives the circuit for a suitable convertor and output stage.

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The RF Channel of Composite Receivers

SOV-107-58-4-24/57

There are 4 tables, 1 block diagram and 3 circuit diagrams.

1. Radio receivers--Performance
2. Radio receivers--Equipment
3. Amplifiers--Equipment
4. Electron tubes--Applications
5. Transistors--Applications

Card 2/2

31 Dec 44 YE

107-58-5-15/32

AUTHOR: Gumelya, Ye.

TITLE: Receiver for "Fox Hunting" (Priyëmnik dlya "okhoty na lis")

PERIODICAL: Radio, 1958, Nr 5, pp 27-29 (USSR)

ABSTRACT:

Different wave ranges are used for the so-called "fox-hunting" competitions (detecting and locating a hidden transmitter). In order to avoid having several special receivers for the various amateur wave ranges used at these competitions - a universal receiver has larger dimensions and is more difficult to assemble - the author suggests building, in one block, an IF amplifier, detector, LF amplifier and power source. The HF amplifier and the converter for each of the applicable amateur ranges are built as small interchangeable blocks which are connected to the main block by a flexible cable. The HF blocks are combined with the direction finding antennas. This receiver, built as a superheterodyne, has two HF blocks, one for 3.5 megacycles and one for 38-40 megacycles. Since the design of the two blocks is almost identical, only the 38 - 40 megacycle block is described. Its circuit diagram is shown in figure 1. Five "1K2P" tubes and one "DGTs-7" diode are used. A 1.5 volt heater battery and a 60 volt anode battery

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107-58-5-1 /32

Receiver for "Fox Hunting"

are required as power sources. The article contains data for the various coils (3.5 and 38 - 40 megacycles and 1,600 kilocycles), instructions for selecting the proper material and assembling. A carefully tuned receiver will have a sensitivity of not less than 10 microvolts in the 38 - 40 megacycle range and not less than 4 - 6 microvolts in the 3.5 megacycle range. There are five figures and one table.

AVAILABLE: Library of Congress

Card 2/2

AUTHOR:

Gumelya, Ye.

SOV-107-58-8-29/53

TITLE:

A Portable Receiver (Pokhodnyy priyemnik)

PERIODICAL:

Radio, 1958, Nr 8, pp 27-30 (USSR)

ABSTRACT:

The above mentioned receiver is a combined tube and transistor superheterodyne. The first section consists of an RF stage, frequency converter, 2 IF stages and a transistor diode detector. Normal tubes are used for ease of alignment. The amplifier section is built from 4 transistors and has 3 stages of amplification (push-pull output). Many of the main parts were cannibalized from the "Tunist" receiver. Constructional details, alignment technique and coil-winding data are given. The set is powered by a 12 v battery but can operate between 8 and 35 v. Output is 250 milliwatt. There are 2 circuit diagrams and 1 drawing.

1. Radio receivers--Equipment
2. Radio receivers--Performance

Card 1/1

05928

SOV/107-59-7-31/42

9(2)

AUTHOR: Gumelya, Ye.

TITLE: An R-F Unit

PERIODICAL: Radio, 1959, Nr 7, pp 47 - 48 (USSR)

ABSTRACT: The author describes an r-f unit for novice radio amateurs. It may be used in combination with an l-f amplifier unit. The r-f unit will receive stations on long, medium and short waves. The sensitivity is 20-50 microvolts, the adjacent channel selectivity 26 db. The unit is a superheterodyne and consists of two 6ILP tubes. One works in the converter, the other in the i-f amplifier. A D2-Zh or DG-Ts7 diode is used as a detector. The circuit diagram is shown in Figure 1. The i-f amplifier has positive and negative feedback. Although the negative feedback decreases the sensitivity of the receiver, it also prevents self-excitation of this stage. The author describes several possible modifications. the

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SOV/107-59-7-31/42

An R-F Unit

application of standardized parts and tubes 6A7,
6S5S or 6S2S. There are 3 diagrams, 1 circuit dia-
gram and 1 Soviet reference.

Card 2/2

GUMELYA, Ye. ...

Transistorized mixer stages. Radio no. 7:44-46 J1 '60.

(MIRA 13:7)

(Transistor circuits)

GUMELYA, Ye., inzh.

High-frequency unit. Radio no. 7:28-31 J1 '41. (MIRA 14:10)
(Radio, Shortwave--Receivers and reception)

Q351121, Ye.

Alignment of transistor radio receivers by amateurs. Radio
no.9:38-42 S '61. (MIRA 14:10)
(Transistor radios)

LOZHNIKOV, Anatoliy Petrovich; SONIN, Yevgeniy Konstantinovich;
GUMEL'YA, Ye.B., red.; BORUNOV, N.I., tekhn. red.

[Cascode amplifiers] Kaskodnye usiliteli. Moskva, Gos. energ.
izd-vo, 1961. 70 p. (Massovaia radiobiblioteka, no.423)
(MIRA 15:4)

(Amplifiers, Electron-tube)

GUMELYA, Ye., Inzh.

Transistorized radio receiver. Radio no. 6837-39 Je '65.

(MIRA 18:10)

ACCESSION NR: AP4004854

S/0181/63/005/012/3485/3488

AUTHORS: Pines, B. Ya.; Gumen, N. M.

TITLE: X-ray determination of magnetostriction constants of Fe-Co ferrites

SOURCE: Fizika tverdogo tela, v. 5, no. 12, 1963, 3485-3488

TOPIC TAGS: magnetostriction, magnetostriction constant, ferrite, iron cobalt ferrite

ABSTRACT: The authors have determined the concentration dependence of magnetostriction of saturation for Fe-Co ferrites. They have shown that the residual deformation of these ferrites, which have been subjected to thermomagnetic treatment, is equal to the complete magnetostriction deformation. From values of relative change in interplanar distances, determined by x-ray data for polycrystalline samples that have undergone thermomagnetic treatment, the authors have determined the magnetostriction constant throughout the entire interval of CoO concentration. The relation is shown graphically in Fig. 1 on the Enclosure. The value of this constant is found to be in good agreement with data in the literature

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ACCESSION NR: AP4004854

on magnetostriction constants for Fe_3O_4 and $\text{Co}_{0.8}\text{Fe}_{2.2}\text{O}_4$ as determined by measurements on single crystals. Orig. art. has: 3 figures and 1 formula.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet (Kharkov State University)

SUBMITTED: 01Jul63

DATE ACQ: 03Jan64

ENCL: 01

SUB CODE: PH

NO REF SOV: 001

OTHER: 002

Card 2/2 2

24.7700 1043 1559 1131

15.2440

30172

S/070/61/006/006/003/008
E132/E135

AUTHORS: Pines, B.Ya., and Gumen, N.M.

TITLE: An X-ray study of cobalt ferrite which has undergone thermomagnetic treatment

PERIODICAL: Kristallografiya, v. 6, no. 6, 1961, 901-908
+ 1 plate

TEXT: It is shown that CoFe_2O_4 of strictly stoichiometric composition does not show magnetostrictive or structural changes after annealing in a magnetic field (TMO). The conditions used were annealing in N_2 at 300°C for 3 hours in a field of 7000 oer., followed by cooling under the same conditions at $300^\circ\text{C}/\text{hour}$. In the oxidised state (0.5% extra combined oxygen) cobalt ferrite showed an increased value of the magnetostrictive saturation and a lowered lattice constant (by comparison with the composition CoFe_2O_4). After TMO the ferrite had developed a uniaxial magnetic texture directly connected with the presence of excess oxygen. In this state the coefficient of magnetostrictive saturation λ_s which depends on angle according to

$$\lambda_s = -a_1/3 + a_2 \sin^2 \theta + (a_1 - a_2) S$$

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(2)

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An X-ray study of cobalt ferrite ... S/070/61/006/006/003/008
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where: $a_1 = 3/2\lambda [100]$ $a_2 = 3/2\lambda [111]$ θ is the Bragg angle;

and $S = \sum_i a_i^2 \beta_i^2$, where α_i and β_i are the direction

cosines of the magnetisation vector and the direction of measurement of λ_s relative to the cube axes. It can be concluded that the deformation of the lattice after TMO consists not only in a change of dimensions and shape of the unit cell but comprises also a change in the positions of the ions Co and Fe relative to the O ions. This requires verification by measuring X-ray reflexion intensities in single crystals before and after TMO. There are 4 figures and 14 references: 4 Soviet-bloc and 10 non-Soviet-bloc. The four most recent English language references are:

- Ref.7: R.F. Pencyer, L.R. Bickford, Phys.Rev., Vol.108, 2, 271-277, 1957; L.R. Bickford, J.M. Brownlow, R.F. Pencyer, J. Appl.Phys., Vol.29, 3, 441-442, 1958.
Ref.8: S. Jida, J. Appl. Phys., Vol.31, 5, 479-486, 1960.
Ref.9: H.J. Williams, R.D. Heidenreich, E.A. Nesbitt, J. Appl. Phys., Vol.27, 1, 85-89, 1956.

Card 2/3

30172

An X-ray study of cobalt ferrite ... S/070/61/006/006/003/008
E132/E135

Ref.11: K.M. Merz, J. Appl. Phys., Vol.31, 1. 147. 1960.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet im.
A.M. Gor'kogo
(Khar'kov State University imeni A.M. Gor'kiy)

SUBMITTED: June 6, 1961

X

Card 3/3

L 34896-65 EWT(1)/EWT(m)/EWP(n)/ENA(d)/EEC(t)/T/EWP(t)/EWP(c)/EWP(b)/ENA(c)
 PF-L/Pad/Pab IJP(c) JD/HW
 ACCESSION NR: AP5005266

8/0181/65/007/002/0351/0354

37
36
B

AUTHOR: Pines, B. Ya.; Gumen, N. M.

TITLE: Thermomechanical working of cobalt ferrite

SOURCE: Fizika tverdogo tela, v. 7, no. 2, 1965, 351-354

TOPIC TAGS: thermomechanical working, thermomagnetic working, cobalt ferrite, magnetic structure, magnetostriction

ABSTRACT: Thermomechanical working is defined as annealing at a temperature below the Curie point, with simultaneous application of a unilateral elastic compression or tension in the absence of a magnetic field. This is claimed to be the first investigation of the influence of thermomechanical working on magnetic properties of ferrites, and the research was undertaken with an aim at comparing the results with the changes that occur in a ferrite subjected to thermomagnetic working, reported by the authors earlier (Kristallografiya, v. 6, 901, 1961). The ferrite investigated was of the cobalt type with large saturation magnetostriction (-187×10^{-6}). Polycrystalline samples were made from powdered cobalt oxide and iron oxide using the same technology as in the earlier investigation. The thermo-

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ACCESSION NR: AF5005266

mechanical working was via annealing (in a furnace with fililar heating coil) samples exposed to compression up to 5 kg/mm^2 , in a cycle consisting of rapid heating, soaking for three hours without load, soaking for five hours under load, and rapid cooling to room temperature. The annealing temperatures were 300, 400, and 450C. The results show that different working temperatures correspond to different degrees of uniaxial magnetic texture. The experiments have shown that following the thermomechanical working the dependence of the magnetostriction on the magnetic field is nonmonotonic. No regular connection could be established between the additional volume striction and the load. Measurement of the elastic constants of the ferrite after the thermomechanical treatment exhibited some differences between ferrites subjected to thermomechanical and to thermomagnetic treatment, and it is concluded that the detailed mechanism of establishment of the magnetically uniaxial texture is different in the two processes, although the end result (residual deformation of the crystal lattice) is the same in both cases. Orig. art. has: 2 figures.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet (Khar'kov State University)

SUBMITTED: 20Apr64

ENCL: 00

SUB CODE: SH, EM

NR REF SOV: 005

OTHER: 001

Card 2/2

PINES, B.Ya.; GUMEN, N.M.

Thermomechanical treatment of cobalt ferrite. Fiz. tver. tela 7
no.2:351-354 F '65. (MIRA 18:8)

1. Khar'kovskiy gosudarstvennyy universitet imeni Ger'kogo.

L 21013-66 EWP(k)/EWT(1)/EWT(m)/T/EWP(o)/EWP(w)/EWP(t) IJP(c) JD/HW

ACCESSION NR: AP5021092

UR/0056/65/049/002/0361/0366

AUTHOR: Gumen, N. M.

TITLE: Variation of magnetostriction in heat-treated cobalt ferrite

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 49, no. 2, 1965, 361-366

TOPIC TAGS: ferrite, magnetostriction, cobalt compound, magnetic saturation, Curie point

ABSTRACT: The magnetostriction of CoFe_2O_4 was investigated by varying the heat treatment, for the purpose of explaining the experimentally observed large spread in the values reported by different authors. The cobalt ferrite samples were prepared from analytically pure Co_2O_3 and Fe_2O_3 powders, using a ceramic technology described by the author elsewhere (with B. Ya. Pines, Kristallografiya v. 6, 901, 1960). Porous samples (40--50% porosity) were used to facilitate the interaction between the ferrite and external air. The samples were quenched from different temperatures either by quick immersion in water or by transfer to a copper ampoule cooled with running water. Longitudinal and transverse magnetostriction were measured tensometrically at room temperature. Both the maximum of the magnetostriction and the dependence of the magnetostriction on the magnetic field varied for

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ACCESSION NR: AP5021092

different states of the sample. In particular, the field at which saturation was reached in a sample quenched from below the Curie point (300C) was three times higher than for samples quenched from high temperatures. This anomalous increase can be accounted for by assuming that oxygen is dissolved in the ferrite lattice. This assumption is confirmed by x-ray measurements, which show that the lattice constant decreases below the Curie point. I thank Professor B. Ya. Pines for help during the performance of the work." Orig. art. has: 5 figures.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet (Khar'kov State University)

SUBMITTED: 31Dec64

ENCL: 00

SUB CODE: SS, EM

NR REF SOV: 002

OTHER: 003

Card 2/2

GUMENER, P.I., kand.biologicheskikh nauk; TULYAKOVA, L.F., kand.med.nauk

Methods of physiological and hygiene evaluation of the microclimate
of residential blocks in cities beyond the Arctic Circle. Issl.po
mikroklm.nasel.mest i zdan. i po stroi.fiz. no.2:38-52 '62.
(MIRA 16:6)

1. Moskovskiy nauchno-issledovatel'skiy institut gigiyeny imeni
F.F.Erismana.

(Russia, Northern—Microclimatology)

GUMENER, P.I.

Method for recording the pain reflex under normal and pathological conditions. Viul. eksp. biol. i med. 40 no.10:73-75 Oct. '55.

(MLRA 9:1)

1. Iz fiziologicheskoy laboratorii Tsentral'nogo nauchno-issledovatel'skogo instituta ekspertizy trudosposobnosti i organizatsii truda invalidov (dir.-prof. O.I. Sokol'nikov) Moskva.

(PAIN, physiology,

registration of pain reflex in normal & pathol. cond.)

KAS'YANOV, V.M.: GUMENYER, P.I.

Compensation mechanisms in developing working movements of artificial fingers formed from a human forearm stump. Uch.zap. MGPI 84:53-70 '55.
(MIRA 9:11)

1. Iz kafedry fiziologii Moskovskogo gosudarstvennogo pedagogicheskogo instituta imeni V.I.Lenina, sav. kafedroy prof. V.M.Kas'yanov.
(ARTIFICIAL LIMBS) (AMPUTATION STUMP)
(CONDITIONED RESPONSE)

KAS'YANOV, V.M.; GUMENER, P.I.

Role of the visual analyzer in compensatory processes in man following
the operation of splitting the forearm. Uch.zap.MGPI 84:71-83 '55.

(MLRA 9:11)

1. Iz kafedry fiziologii Moskovskogo gosudarstvennogo pedagogicheskogo
instituta imeni V.I.Lenina, zav. kafedroy prof. V.M.Kas'yanov.

(ARM--SURGERY)

(CONDITIONED RESPONSE)

(SIGHT)

KAS'YANOV, V.M.; GUMENIS, P.I.

Role of the motor analyzer at various stages of compensation following surgery for splitting the forearm. Uch.zap.MGPI 84:85-93 '55.
(MLRA 9:11)

1. Iz kafedry fiziologii pedagogicheskogo instituta imeni V.I.Lenina,
zav. kafedroy prof. V.M.Kas'yanov.
(AMPUTATION STUMPS--INNERVATION)

GUMENBER, P.I., kandidat biologicheskikh nauk

Anatomical and functional peculiarities of a split forearm. Ortop.
travm. i protez. 17 no.6:125-126 N-D '56. (MLRA 10:2)

1. Iz laboratorii fiziologii truda (zaveduyushchiy - professor I.A.
Arnol'di) Tsentral'nogo nauchno-issledovatel'skogo instituta
trudospособnosti i organizatsii truda invalidov Ministerstva
sotsial'nogo obespecheniya RSFSR.
(AMPUTATIONS OF ARM)

TULYAKOVA, L.F.; GUMENER, P.I.; KARAGODINA, I.L.; RIKHTER, B.V.

Sanitary and hygienic evaluation of the planning for experimental
residential block No.9 in N.Cheremushki. Uch. zap. Mosk. nauch.-
issl. inst. san. i gig. no.6:62-66 '60. (MIRA 14:11)
(MOSCOW—CITY PLANNING)

GUMENER, Pinkhos Il'ich; POPOV, I.G., red.; BEL'CHIKOVA, Yu.S.,
tekhn. red.

[Study of thermoregulation in the hygiene and physiology of
work] Izuchenie termoregulatsii v gigiene i fiziologii tru-
da. Moskva, Medgiz, 1962. 229 p. (MIRA 16:1)
(BODY TEMPERATURE—REGULATION) (INDUSTRIAL HYGIENE)

L 41176-65 ENG(j)/ENT(d)/ENG(r)/ENT(1)/FS(v)-3/EEC(k)-2/ENG(v)/EEC-4/
S/0275/64/000/007/V004/V004

ACCESSION NR: AR4045748

ENG(a)-2/EEG(c)-2/EEB-2/ENG(c) Pe-5/Pq-4/Pac-4/Pae-2

SOURCE: Ref. zh. Elektronika i yeye primeneniye. Svodnyy tom, Abs. TV29

AUTHOR: Gumener, P. I.; Poltorak, S. A.; Rapoport, E. A.; Raykhman, S. P.

TITLE: Methods of radiotelemetric investigations of the temperature of skin, body, and air

CITED SOURCE: Sb. Radiotelemetriya v fiziol. i med., Sverdlovsk, 1963, 101-108

TOPIC TAGS: telemetry, telemeter, physiological test

TRANSLATION: The transmitting part of a modified system intended for radiotelemetric study of the temperature of the body, skin, air under and over clothing consists of 17 semiconductor sensors, an automatic switch (time relays and a step selector), an RC electron-tube oscillator, an amplifier, and a semiconductor AM USW transmitter. Each sensor excites the RC oscillator in its own frequency band. The oscillator, the amplifier, and the supply batteries are fastened to the belt of the subject, while the transmitter is mounted as the subject's headgear. The receiving part comprises a receiver and a dekatron pulse counter. A time relay

Card 1/2

L 41176-65

ACCESSION NR: AR4045748

starts the counter for 10 minutes on appearance of a sensor signal. The counter is cleared by the investigator. The signal's origin can be determined either visually, or on a cathode-ray oscilloscope, or by hearing. Tests have shown that the temperature can be measured at a distance of 20 m with an error of 0.1°C. Bibliography: 3 titles.

SUB CODE: EC,LS

ENCL: 00

my
Card 2/2

GUMENER, P. T.; MITBREJT, I. M.

Functional disorders of the back and abdominal muscles in scoliosis.
Acta chir. orthop. trauma. Cech. 29 no.1:55-64 F '62.

1. Klinicke oddeleni detske ortopedie a traumatologie, vedouci dopisu-
jici clen ALV SSSR prof. V. D. Caklin Ustredni ustav ortopedie a
traumatologie ministerstva zdravotnictvi SSSR, reditel radny clen
ALV SSSR prof. N. N. Priorov Moskevskaja ortopedicka vojenska nemocnice,
nacelnik doktor lek. ved S. N. Voskresenskij.

(SCOLIOSIS physiol) (ABDOMINAL WALL physiol)
(BACN physiol)

L 61934-65

ACCESSION NR: AP5019079

UR/0286/65/000/012/0104/0104

AUTHORS: Krashennnikov, V. G.; Zaslavskiy, S. Z.; Gumenik, S. A.

4
B

TITLE: Tachometer. Class 42, No. 172138

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 12, 1964, 104

TOPIC TAGS: tachometer, magnetic method, transmission

ABSTRACT: This Author Certificate presents a tachometer containing a magnetic unit with a hand pointer and a reducer with a switch for subranges and a reversing mechanism (see Fig. 1 on the Enclosure). To increase the number of subranges, to increase the accuracy, and to broaden the range of measurements, the tachometer is provided with a mechanism in the form of a cam shaft activated by a connecting rod and carrying a rod with a gear which imparts additional transmission ratios to the reducer. Orig. art. has: 1 sectional drawing.

ASSOCIATION: Organizatsiya Leningradskogo sovnarkhoza (Enterprise of the Leningrad Sovnarkhoz)

SUBMITTED: 23Jul64

ENCL: 01

SUB CODE: 1E

NO REF SOV: 000

OTHER: 000

Card 1/2

I-61934-65

ACCESSION NR: AP5019079

ENCLOSURE: OL

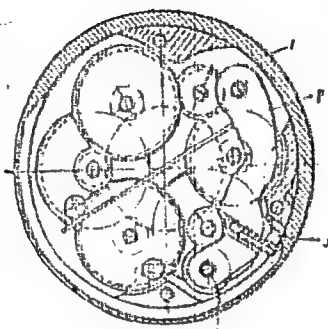


Fig. 1.

1- connecting rod; 2- cam shaft; 3- push cam; 4- gear

Card

2/2

GUMENIUK, I.G.; MIROSNIKOV, A.N.; POSTNIKOV, M.P.

Breeding calves on the base of rations with a high silage content. *Analele agric zooteh* 17 no.6:108-112 N-D'63.

YEGORKINA, V.M., inzh.; GUMENKO, V.A., inzh.

Method of determining the true specific weight as suggested
by the A.A. Skochinskii Institute of Mining. Sbor. DonUGI
no.25:51-52 '62. (MIRA 16:6)

(Donets Basin--Coal research)

MASTENITSA, M.A.; KOROLENKO, G.A.; YELABUGINA, L.V.; GUMEINAYA, G.R.
IZRAILEVA, G.I.; KORZEVA, V.S.

Epidemiological and virological characteristics of the 1959
influenza outbreak in Prokop'yevsk. Trudy Tom NIIVS 12:
106-110 '60 (MIRA 16:11)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i sy-
vorotok, Kemerovskaya oblastskaya sanitarno-epidemiologi-
cheskaya stantsiya i Prokop'yevskaya gorodskaya sanitarno-
epidemiologicheskaya stantsiya.

*

GUMENIAYA, N.A. [Bogomolova, N.A.]

Effect of Rauwolfia preparations on the nature of vascular reactions.
Fiziol.zhur. [Ukr] 9 no.3:190-193 May-Je '63.

(MIRA 28.1)

1. Kafedra fakultetskoy terapii Kiyevskogo meditsinskogo instituta
Im. Akademika Bogomoletsa.

GUMENNAYA, N.A.

Effect of Rauwolfia preparations on the coronary circulation
in hypertension patients. Vrach. delo no.9:50-54 8'13.
(... 16:10)

1. Kafedra fakul'tetskoy terapii (zav. - deystvitel'nyy chlen
AMN SSSR, akad. An UkrSSR prof. V.N.Ivanov [deceased] Kiyev-
skogo meditsinskogo instituta.
(RAUWOLFIA) (HYPERTENSION) (CORONARY VESSELS)

GUMENNAYA, N.A.

Results of treating hypertension with rauwolfia preparations.
Vrach delo no.2:53-57 F*64 (MIRA 17:4)

1. Kafedra fakul'tetskoy terapii (zav. - deystvitel'nyy chlen
AMN SSSR, akademik AN UkrSSR, prof. V.N. Ivanov [deceased])
Kiyevskogo meditsinskogo instituta.

POPOVICI, Gh.Gh.; MOISA, Lucia; NEGOITA, Margareta; MANOILA, Virginia;
BOTEZ, Emilia; HAFNER, Renee; GUMENI, Nona

The influence of some antibiotics on intestinal motor activity.
Fiziol. norm. pat. 6:519-527 '64

1. Catedra de farmacologie Institutul medico-farmaceutic, Iasi.

GUMENNIK, A.Ye.; GULEVICH, N.Ye.

Laboratory diagnosis of Botkin's disease by determining aldolase activity [with summary in English]. Vop.virus. 2 no.5:284-287
S-O '57. (MIRA 10:12)

1. Kafedra virusologii TSentral'nogo instituta usovershenstvovaniya
vrachey i otdel virusov Instituta imeni I.I.Mechnikova, Moskva.
(HEPATITIS, INFECTIOUS, blood in,
aldolase, diag. value (Rus))
(DESMOLASES, in blood,
aldolase in infect. hepatitis, diag. value (Rus))

GUMENNIK, A. Ye.

GUMENNIK, A. Ye., Cand Med Sci -- (diss) "Experimental study of various methods of laboratory diagnosis of Botkin's epidemic hepatitis." Mos, 1958. 11 pp. (Min Health USSR, Central Inst

of Adv Med Sci), 200 copies. (KL,9-58, 12)

*Added to Department of Physicians
for the Advanced Training*

KHESIN, Ya.E.; GOMENNIK, A.E.; AMCHENKOVA, A.M.

Karyometric investigation on the effect of ectromelia virus
on cell cultures. Acta virol. 8 no.5.443-447 S '64.

1. Virological Laboratory, G. Ilya Institute of Epidemiology
and Microbiology, U.S.S.R. Academy of Medical Sciences, Moscow;
and Chair of Virology, Central Institute for Post-graduate
Training of Physicians, Moscow.

GUMENNIK, A.Ye.

Herpes-encephalitis in white mice. Report No. 1. Trudy
TSIU 80:79-81 '65. (MIRA 18:11)

SIEN, R.M.; GURENCHIK, A.Ye.

Characteristics of the infectious process in chronic
forms of experimental herpes. Report No. 2. Trudy TSU 80:
126-128 '65. (RIMA 16:11)

GUMENNIK, A.Ye.

Use of serological methods of examination for the diagnosis
of Botkin's epidemic hepatitis in children. Trudy TSIU 80:
139-141 '65. (MIRA 18:11)

SOLOV'YEV, V.D., BEKTEMIROV, T.A.; GUMENNIK, A.Ye.

Species specificity and some other properties of interferon.
Vop. virus. 10 no.4:420-424 J1-Ag '65. (MIRA 18:6)

1. Kafedra virusologii Tsentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

BEKTEMIROV, T.A.; GUMENNIK, A. Ye.

Effect of some factors on the production of interferon in mono-
layer chick embryo cultures. Vop. virus. 10 no. 6:689-693 N-D
'65 (MIRA 19:1)

1. Tsentral'nyy institut usovershenstvovaniya vrachey Ministerstva
zdravookhraneniya SSSR, Moskva. Submitted January 22, 1965.

ARKHANGEL'SKIY, A.S.; GUMENNIK, Ya.Ya.; CHUGUNIKHIN, S.I.

Cutter-loader with a new working tool. (IA.IA.Gumennik's cutter-loader).
Ugol' 29 no.6:25-26 Je '54. (MLRA 7:6)

1. Ministerstvo ugol'noy promyshlennosti (for Arkhangel'skiy). 2. Shakhtu
"Baydayevskaya" (for Gumennik). 3. Giproglemash (for Chugunikhin).
(Coal--Mining machinery)

SHAPOVALOV, A.D., inzh.; MEYENBURG, V.Ye., kandyd. tekhn. nauk; GUMENNIK, Ya.Ye.

Work practices at the "Pioner" hydraulic mine (Donets Basin).
Ugol' 39 no.9:14-18 S '64. (USSR 17:10)

1. Gidrorudnik "Pioner", Donetskii basseyn (for Shapovalov).
2. Donetskii nauchno-issledovatel'skiy ugol'nyy institut (for Meyenburg).
3. Gosudarstvennyy proyektno-konstruktorskiy i eksperimental'nyy institut ugol'nogo mashinostroyeniya (for Gumennik).

GUMENNY, L. K.

USSR/Metals

Sep/Oct 48

Alloys, High-Temperature
Steel Alloys

"Heat-Resistant Properties of Chrome-Nickel-Molybdenum, Type 16-25-6 Steel," G. V. Estulin, Cand Tech Sci, M. L. Bernshteyn, Engr, L. K. Gumenny, Members, Soc of Metallurgists, 5 pp

"Vest Inzhener i Tekhnik" No 5

Describes tests on samples of subject steel. Establishes alterations in structure and properties of steel produced by various heat treatments. Determines heat resistance. Includes seven photographs, and seven graphs.

32/49T58

FDB

GUMENNYI, L.K.

VOLSKIY, M.I.; GUMENNYI, L.K.

[Mechanical testing of materials]. Mekhanicheskie ispytaniia materialov. Gor'kii, Gor'k. nauch.-issled. laboratorii ispytaniia materialov, 1954. 300 p. (MIRA 8:3D)

1. AFANASIYEV, A. A.; SKVARIK, V. P., Eng.; GURSKIIY, N. A., Eng.

2. USSR (600)

4. Shoe Industry

7. Accuracy of shoe parts, Leg. prom., 12, No. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

GUMENNYI, N.A., aspirant; DREVILO, R.M., inzhener.

Quantitative analysis of the technological process of stitching
Russian leather boots on sewing machines. Log.prom. 14 no.5:30-33
My '54. (MLRA 7:6)
(Shoe industry)

GUMENNYI, N.A., inzh.

Factors affecting variations in sizes of shoe uppers. Izv. vys.
ucheb.zav.; tekhnolog. prom. no.1:74-79 '58. (MIRA 11:6)

1. Kiyevskiy tekhnologicheskii institut legkoy promyshlennosti.
(Shoe manufacture)

GUMENNY, N.A., inzh.

Using electric contact devices for checking half-finished materials in shoe manufacture. Izv. vys. uchob. zav.; tekhn. leg. prom. no.3:82-85 '58. (MIRA 11:10)

1. Kiyevskiy tekhnologicheskij institut legkoy promyshlennosti.
(Shoe manufacture)

GUMENNYI, H.A.

Using the VR-1 instrument in analyzing preparation processes. Izv.
vys.ucheb.zav.; tekhnolog.prom. no.5:59-66 '58. (MIRA 12:2)

1. Kiyevskiy tekhnologicheskii institut legkoy promyshlennosti.
(Shoe manufacture)

GUMENNYI, N. A., Candidate Tech Sci (diss) --- "Investigation of the quality of assembly of shoe parts". Moscow, 1959. 16 pp (Min Higher Educ USSR, Moscow Tech Inst of Light Industry), 200 copies (KL, No 23, 1959, 165)

GUMENNYI, N.A., kand.tekhn.nauk

Variations in the length of shoe uppers in one model. Izv.vys.ucheb.
zav.; tekhn.prom. no.5:80-83 '60. (MIRA 13:11)

1. Kiyevskiy tekhnologicheskii institut legkoy promyshlennosti.
Rekomendovana kafedroy materialovedeniya.
(Shoe manufacture--Standards)

L 43751-66 EWT(m)/T
ACC NR: AP6023403

(A)

SOURCE CODE: UR/0323/66/000/002/0055/0060

AUTHOR: Gumennyi, N. A. (Candidate of technical sciences, Docent); Rybal'chenko, V. V.
(Engineer)

ORG: Kiev Technological Institute of the Light Industry (Kievskiy tekhnologicheskiy institut legkoy promyshlennosti)

TITLE: Selection of an abrasive for wear testing of shoe fabrics

SOURCE: IVUZ. Tekhnologiya legkoy promyshlennosti, no. 2, 1966, 55-60

TOPIC TAGS: footwear, wear material, abrasive test

ABSTRACT: This investigation was performed to select a satisfactory abrasive for testing the wear resistance of shoe fabrics. The following abrasives were used: corundum, polyamide fiber brushes, a fiber-base artificial leather stitched with capron threads and impregnated with polyvinyl chloride resin, shoe granitol (a substitute leather), and fleshside split of cowhide. Shoe lining fabrics 158 and twill ticking 912 were subjected to wear. At least 20 specimens were tested by each abrasive. The speed of rotation of the test wheel was 200 rpm, air pressure in the system was 270 g/cm^2 , and a constant tension on the fabric of 0.5 kgf was maintained. The results of the experiment were analyzed statistically. It was

Card 1/2

L 43751-66

ACC NR: AP8023403

found that shoe granitol and the split best duplicate wearing under actual service conditions, have a negligible change of the abrasive surface during wear of the fabrics, and provide good reproducibility of test results with a small error. Furthermore, these abrasive materials are readily accessible and inexpensive. The best abrasive material was the split since it satisfied the demands made on abrasive materials with respect to all parameters. This abrasive material is a waste product of the leather industry. The other abrasive materials did not produce a natural character of wear of shoe fabrics, although with respect to other parameters (rate of wear, reproducibility of test results, and value of the error) corundum and polyamide brushes are acceptable. Docent N. N. Pozhidayev supervised the investigation of wear of materials. Orig. art. has: 1 table and 7 figures.

SUB CODE: 11/ SUBM DATE: 29Sep65/ ORIG REF: 007

Card 2/2 mjs

L 04611-67 FSS-2/EWT(1)/EWT(m)/FOG/EWP(1)/ETI LJP(C) JD/TL/W

ACC NR: AP6033397

SOURCE CODE: UR/0293/66/004/005/0740/0747

AUTHOR: Grigor'yeva, G. M.; Gumenny, V. A.; Kreynin, L. B.; Landsman, A. P.

113

116

ORG: none

21

B

TITLE: Investigation of the radiation resistance of silicon photoconverters (according to experimental data obtained by the "Electron-3" artificial Earth satellite)

SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 5, 1966, 740-747

TOPIC TAGS: artificial earth satellite, silicon, cosmic radiation, radiation belt, radiation damage, radiation protection, photoelectric detection equipment/ Electron-3 artificial earth satellite

ABSTRACT: "Electron-3" had an apogee of 7040 km and a perigee of 405 km. The inclination angle of its orbital plane to the equatorial plane was 60° 52'. As it orbited the Earth, the satellite intersected regions of intensive corpuscular radiation in the inner and outer radiation belts. Eight DSE experimental photoelectric detectors were installed on "Electron-3". Each detector consisted of a group of several photocells connected in series. The cells were made from p-type silicon into which phosphorus had been diffused. Both coated and uncoated detectors were used. The rapid deterioration of unprotected photocells was due principally to the effect of intensive low-energy proton fluxes (0.1 to 0.5 Mev). The presence of very thin coatings considerably reduced the rate of deterioration. Intensive low-energy proton fluxes (0.2 to 0.3 Mev) with a path length of the order of the depth of the n-p transition caused a sharp decrease in the open-current potential of unprotected photo-

Card 1/2

UDC: 539.104:621.383.8

L 04611-67

ACC NR: AP6033397

cells. Photocell damage produced by electrons on the "Electron-3" was slight. Measurements carried out over three months showed no drop in current in photocells protected with 3-mm-thick glass. Calculations showed that solar cells with 3-mm coatings could operate at least four years with a current reduction no greater than 25 percent. The investigation proved the feasibility of predicting how solar cells subjected to intensive cosmic radiations will react. The authors thank E. N. Sosnovets for computing the integral fluxes of protons and electrons for the orbit of "Electron-3" and N. V. Shavrin and M. M. Koltun for discussing the experimental results. Orig. art. has: 6 figures and 2 tables.

SUB CODE: 04, 22, 3 SUBM DATE: 28 Sep 65/ ORIG REF: 003/ OTH REF: 005/ ATD PRESS: 5100

Card

2/2

GUMENNYI, V. N.

USSR/ Engineering - Industrial processes

Card 1/1 Pub. 103 - 5/19

Authors : Sokolovskiy, M. V.; Gumennyi, V. N.; and Sharkov, V. M.

Title : Thermal treatment of worm threads with high-frequency currents

Periodical : Stan. i instr. 2, 19 - 20, Feb 1955

Abstract : The construction of a special machine for hardening of worm threads with high-frequency current was announced by the "Krasny Metallist Metallurgical Plant." The technical and mechanical properties of the new machine are described. It was found that the changes in the worm dimension after thermal treatment with high-frequency currents are very insignificant and can be totally disregarded. The thermal treatment cycle of the new machine is 15 - 18 times smaller than otherwise and the mechanical properties of the treated part remain unchanged. Drawings.

Institution:

Submitted:

BOYKO, L.S.; SOKOLOVSKIY, M.V.; FEY, V.M.; YANKOVSKIY, I.Ye.;
GUMEN'NYI, V.N.; KAUROV, V.V.; PYATNITSKIY, A.A.;
CHASOVNIKOV, L.D., dots., retsenzent

[Reducing and variable speed gears; atlas of designs]
Reduktory i variatory; atlas konstruksii. Moskva,
Mashinostroenie, 1964. 95 p. (MIRA 17:11)

GUMENNYI, Ye.N.

Volunteer inspectors. Put' i put. khoz. 7 no.11:31 '63.
(MIRA 16:12)

14(15)

SOV/132-59-8-16/18

AUTHORS: Gumenny, Yu.K.

TITLE: A New Apparatus for the Measurement of Optical Properties of Ore Minerals in Reflected Light

PERIODICAL: Razvedka i okhrana nedr, 1959, Nr 8, pp 59 (USSR)

ABSTRACT: The author describes an apparatus constructed by E.N. Cameron and described by him in an article published in Nr 3 of the U.S. journal Economic Geology for 1957. There is 1 American reference

ASSOCIATION: SakhKNII SO AN SSSR (the SakhNII SO AS USSR)

Card 1/1

GUMENNYI, Yu.K. (Novo-Aleksandrovsk na Sakhaline)

"Mineralogical landscape." Priroda no.6:80 Je '60.
(MIRA 13:6)

(Mineralogy)

GUMENNYI, Yu.K.

Comparative characteristics of the stages of mineralization of complex metal deposits in the Far East and eastern Transbaikalia. Geol. i geofiz. no.8:113-115 '60. (MIRA 14:2)

1. Sakhalinskiy kompleksnyy nauchno-issledovatel'skiy institut Sibirskogo otdeleniya AN SSSR.
(Siberia, Eastern--Ore deposits)

GUMENNY, Yu.K.; MEVE'OV, Yu.L.

New data on the manifestation of active volcanoes of Kunashir Island.
Trudy Sakh.kompl.nauch.-issl. inst. AN SSSR no.10:171-174 '61.

(MIRA 15:6)

(Kunashir Island--Volcanoes)

GUMENNYI, Yu.K.

Study of opaque ore minerals in the convergent polarized light.
Inform.sbor. VSEGEI no.16:125-129 '59. (MIRA 15:3)
(Minerals--Optical properties)

GUMENNYI, Yu. K.

"Some Features of the Metallogeny of Sakhalin"

report presented at the First All-Union Conference on the Geology and Metallogeny
of the Pacific Ocean Ore Belt, Vladivostok, 2 October 1960

So: Geologiya Rudnykh Mestorozhdeniy, No. 1, 1961, pages 119-127

GUMENNYI, Yu.K.

Brief outline of the metallogeny of Sakhalin. Izv. AN SSSR. Ser.
geol. 29 no.9:3-11 S '64. (MIRA 17:1)

1. Sakhalinskiy kompleksnyy nauchno-issledovatel'skiy institut
Sibirskogo otdeleniya AN SSSR, poselok Novo-Aleksandrovsk na
Sakhaline.

GUMENNY, Yu.K.

Abrasion caves of Cape Kuznetsovo (Sakhalin). Izv. Vses.
Geog. ob-va 97 no.5:460-461 S-O '65. (MIRA 18:11)

TIKHENKO, I.G., gornyy inzh.; STEL'MAKH, N.N., gornyy tekhnik; GUMENOK, G. Ye., gornyy tekhnik; VOLOSHIN, A.M., gornyy inzh.; BEREZOVSKIY, A.P., gornyy inzh.; LYUTYY A.L., gornyy inzh.; BUGAY, V.A., gornyy tekhnik-markshayder

"Improving underground work" by I.A. D. Grossman and E. M. Kozakov.
Reviewed by L. G. Tikhenko and others. Gor. zhur. no.3:3-7 Mr '61.
(MIRA 14:3)

1. Rudoupravleniye im. Rozy Lyuksemburg, Krivoy Rog (for Tikhenko, Stel'makh, Gumenok). 2. Shakhta "Kommunar-Probeda", Krivoy Rog (for Voloshin, Berezovskiy, Lyutyy). 3. Shakhta "Novaya" rudoupravleniya im. Rozy Lyuksemburg (for Bugay).

(Mining industry and finance)
(Grossman, I.A. D.) (Kozakov, E. M.)

Subject : USSR/Aeronautics - radar AID P - 5565
Card 1/1 Pub. 135 - 4/27
Author : Gumenok, S. A., Lt. Col., Cand. of tech. sci.
Title : Peculiarities of search and detection of naval targets
with the aid of radar bombsights.
Periodical : Vest. vozd. flota, 6, 26-30, Je 1956
Abstract : The author deals with radar bombsights and describes
their advantages and disadvantages when used in the
search and detection of targets on the sea. Three
diagrams. The article is of informative value.
Institution : None
Submitted : No date

LOBACHEV, kand.tekhn.nauk; MIKHEYEV, O.P., inzh.; GUMENISHCHIKOV, L.N.,
inzh.; DUBROVSKIY, V.A., nauchnyy red.; PORFNOVA, Z.S., red.izd-va;
TEMKINA, Ye.L., tekhn.red.

[Water-raising units for the local water supply; a reference book]
Vodopod'emnye ustanovki dlia mestnogo vodosnabzheniia; spravochnoe
posobie. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.
materialam, 1961. 138 p. (MIRA 14:4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut sanitarnoy
tekhniki. 2. Laboratoriya vnutrennego vodoprovoda i kanalizatsii
Nauchno-issledovatel'skogo instituta sanitarnoy tekhniki (for
Mikheyev, Gumenishchikov).
(Water supply, Rural) (Pumping machinery)

GUMEN'SHCHIKOVA, V.P., mladshiy nauchnyy sotrudnik

Pathomorphological changes in experimental dynamic hystriehosis
of ducks. Trudy VIGIS 10:126-141 '63. (MIRA 17:9)

1. **Determination of water absorption by rocks, brick and concrete.** B. M. Gumenishvili. *Akademiya* 1959, No. 3, pp. 41. - A new device is described. The sample is gradually immersed in water and its increase in wt. is automatically recorded on a rotating drum.

E. F. Stefanovsky

E. F. Stefanowsky

A S O S L A METALLURGICAL LITERATURE CLASSIFICATION

GUMENSKII, Boris Mikhailovich

Polevye dorozhnye issledovaniia gruntov. [Road and soil analysis]. Moskva, Dorizdat, 1948. 320 p. illus.

"Spisok ispol'zovannoi literatury": p. 306-316.

DLC: TA710.G8

SO: Soviet Transportation and Communications. A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

1. GUMENSKIY, B. M.
2. USSR (600)
4. Geology and Geography
7. Geology and Pedology, V. M. Bezruk and M. T. Kostriko.
(Moscow, Highway Press, 1951). Reviewed by B. M. Gumenskiy,
Sov. Kniga, No. 1, 1952.
9. Report U-3081, 16 Jan 1953, Unclassified.

CONFIDENTIAL, I. I.

Soils

"General study of the science of soils." E.M. Sergeyev. Reviewed by I.I. Gurenskiy.
Sov. kniga No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress
June 1953. UNCL.

GUMENSKIY, B. M.

2

Dehydration of clays of various mineralogical compositions in electric fields. B. M. Gumen'skiy, *Colloid J. U.S.S.R.* 15, 181-4 (1953) (Engl. translation). *ibid.* 47, 918-9. H. L. H. *(H)*

GUMENSKIY, B.M.

Soil thixotropy and the vibrational method. Koll.zhur. 16 no.6:421-424 N-D '54. (MLRA 7:12)

1. Leningradskiy institut inzhenerov zheleznodorozhnogo transporta im. V.N.Obratsova.
(Soil mechanics) (Boring)

GUMENSKIY, B. M.

USSR/Engineering - Boring

Card 1/1 : Pub. 86 - 15/36

Authors : Gumenskiy, B. M., Prof.; and Komarov, N. S., Cand. Geo.-Min. Sci.

Title : Vibration boring of terrain

Periodical : Priroda 43/8, 96-99, Aug 1954

Abstract : The author finds that the amount of shallow boring in preliminary work in testing the terrain, which is done by hand, amounts to such proportions as to warrant mechanization. The advantages of the vibration method in shallow boring are pointed out and a description is given of the equipment for this work, including the method of powering. Drawing; illustrations; table.

Institution : ...

Submitted : ...